

**[57] Abstract**

5 The present invention relates to a method and apparatus for pointing the beams (63-67) of a wind profiler comprising a stationary antenna matrix (61) with several individual antenna elements (62). According to the method an input signal is fed to the antenna matrix (61), and the phase of the input signal is adjusted for the individual antenna elements (62) in order to point  
10 the beam (63-67) of the profiler. In accordance with the invention separate feeder lines for each beam are used for feeding the signals to the antenna elements (62), and the phase differences between the individual antenna elements (62) are controlled with hybrid coupler elements (3, 4).

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